

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10542002".rlan. or ("10".src. and "542002".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/03/19 16:26
S2	351	(electrode same (charged near particle)) and 345/107.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/19 16:30
S3	4110	(electrode same (charged near particle)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/19 16:31
S4	919	345/107.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/19 16:31
S5	55	S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/19 16:31
S6	7	("3612758"   "6113810"   "6806995"   "6816146"   "7038670"   "7057600"   "7075502").PN. OR ("7227525").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 16:41
S7	407	("20020021270"   "20020090980"   "20020130832"   "20020140688"   "20020145792"   "20020154382"   "2766478"   "3036388"   "3384488"   "3389194"   "3406363"   "3423489"   "3460248"   "3585381"   "3612758"   "3617374"   "3668106"   "3670323"   "3756693"   "3767392"   "3772013"   "3792308"   "3850627"   "3870517"   "3892568"   "3909116"   "3936816"   "3959906"   "3972040"   "4041481"   "4045327"   "4056708"   "4062009"   "4068927"   "4071430"   "4088395"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 16:44

"4093534"	"4104520"
"4123206"	"4123346"
"4126528"	"4126854"
"4143103"	"4143472"
"4147932"	"4149149"
"4185621"	"4196437"
"4203106"	"4218302"
"4231641"	"4251747"
"4261653"	"4272596"
"4279632"	"4285801"
"4298448"	"4301407"
"4303433"	"4305807"
"4311361"	"4314013"
"4324456"	"4336536"
"4345249"	"4368952"
"4373282"	"4390403"
"4418346"	"4430648"
"4435047"	"4438160"
"4450440"	"4453200"
"4500880"	"4502934"
"4509828"	"4522472"
"4544834"	"4598960"
"4605284"	"4606611"
"4616903"	"4620916"
"4640583"	"4643528"
"4648956"	"4655897"
"4684219"	"4686524"
"4700183"	"4703573"
"4707080"	"4707593"
"4726662"	"4730186"
"4732456"	"4732830"
"4741601"	"4741604"
"4742345"	"4746917"
"4748366"	"4772102"
"4772820"	"4776675"
"4789858"	"4794390"
"4821291"	"4824208"
"4832458"	"4833464"
"4850919"	"4870677"
"4888140"	"4889603"
"4891245"	"4892607"
"4909959"	"4919521"
"4931019"	"4937586"
"4947157")	PN. OR
("4947159"	"4947219"
"4948232"	"4949081"
"4960351"	"4962466"
"5006212"	"5006422"
"5009490"	"5016002"
"5017225"	"5028841"
"5040960"	"5041824"
"5042917"	"5053763"
"5057363"	"5066105"
"5066946"	"5067021"
"5070326"	"5077157"
"5082351"	"5105185"
"5128785"	"5138472"
"5148002"	"5151032"
"5155607"	"5160371"
"5161007"	"5167508"
"5172314"	"5174882"
"5175047"	"5177476"

"5179065"	"5185226"
"5187609"	"5194852"
"5208686"	"5216416"
"5220316"	"5223115"
"5223823"	"5233459"
"5238861"	"5247290"
"5250932"	"5250938"
"5254981"	"5258864"
"5260002"	"5262098"
"5266934"	"5266937"
"5270843"	"5276438"
"5279511"	"5279694"
"5293528"	"5298833"
"5302235"	"5303073"
"5304439"	"5315312"
"5344594"	"5345251"
"5345322"	"5357355"
"5359346"	"5360689"
"5362671"	"5374815"
"5380362"	"5389945"
"5398131"	"5402145"
"5403518"	"5407231"
"5411398"	"5411656"
"5412398"	"5421926"
"5430462"	"5450069"
"5459776"	"5460688"
"5463492"	"5467107"
"5485176"	"5490005"
"5497171"	"5498674"
"5499038"	"5500635"
"5508068"	"5508720"
"5512162"	"5528399"
"5530567"	"5534888"
"5538430"	"5541478"
"5543219"	"5548282"
"5561443"	"5565885"
"5571741"	"5573711"
"5574291"	"5575554"
"5576867"	"5582700"
"5583675"	"5596208"
"5600172"	"5602572"
"5604027"	"5609978"
"5614427"	"5619307"
"5625460"	"5627561"
"5635317").PN. OR	
("5638103"   "5639914"	
"5641974"   "5643673"	
"5648801"   "5649266"	
"5650199"   "5650247"	
"5650872"   "5663739"	
"5672381"   "5684501"	
"5686383"   "5689282"	
"5694224"   "5699097"	
"5699102"   "5705826"	
"5707738"   "5707747"	
"5708525"   "5709976"	
"5714051"   "5715026"	
"5715514"   "5716550"	
"5717283"   "5717514"	
"5717515"   "5721042"	
"5722781"   "5725935"	
"5731116"   "5737115"	

"5738716"	"5738977"
"5739801"	"5742879"
"5744283"	"5745094"
"5750238"	"5751257"
"5751268"	"5751433"
"5751434"	"5752152"
"5754332"	"5759671"
"5760761"	"5767826"
"5767978"	"5777782"
"5783614"	"5786875"
"5801664"	"5808783"
"5815306"	"5825529"
"5828432"	"5835577"
"5843259"	"5872552"
"5874746"	"5880705"
"5892244"	"5892504"
"5894367"	"5900858"
"5914698"	"5914806"
"5917199"	"5922268"
"5930026"	"5958169"
"5961804"	"5963456"
"5972493"	"5975680"
"5978052"	"5982346"
"5986622"	"5989945"
"6014247"	"6017584"
"6025896"	"6045955"
"6051957"	"6055091"
"6064091"	"6064784"
"6067185"	"6076094"
"6097531"	"6105290"
"6107117"	"6113810"
"6117294"	"6117368"
"6118426"	"6120588"
"6120839"	"6124851"
"6130773"	"6130774"
"6137467"	"6140980"
"6144361"	"6146716"
"6153075"	"6171464"
"6172798"	"6177921"
"6184856"	"6198809"
"6215920"	"6219160"
"6225971"	"6232950"
"6239896"	"6249271"
"6252564"	"6262706"
"6262833"	"6266113"
"6271823").PN. OR	
("6274412"   "6287899"	
"6300932"   "6310665"	
"6312304"   "6312971"	
"6323989"   "6327072"	
"6340958"   "6348908"	
"6353746"   "6376828"	
"6377387"   "6392785"	
"6413790"   "6422687"	
"6438882"   "6445374"	
"6459418"   "6473072"	
"6480182"   "6504524"	
"6506438"   "6512354"	
"6515649").PN. OR	
("7075502").URPN.	

S8	407	("20020021270"   "20020090980"   "20020130832"   "20020140688"   "20020145792"   "20020154382"   "2766478"   "3036388"   "3384488"   "3389194"   "3406363"   "3423489"   "3460248"   "3585381"   "3612758"   "3617374"   "3668106"   "3670323"   "3756693"   "3767392"   "3772013"   "3792308"   "3850627"   "3870517"   "3892568"   "3909116"   "3936816"   "3959906"   "3972040"   "4041481"   "4045327"   "4056708"   "4062009"   "4068927"   "4071430"   "4088395"   "4093534"   "4104520"   "4123206"   "4123346"   "4126528"   "4126854"   "4143103"   "4143472"   "4147932"   "4149149"   "4185621"   "4196437"   "4203106"   "4218302"   "4231641"   "4251747"   "4261653"   "4272596"   "4279632"   "4285801"   "4298448"   "4301407"   "4303433"   "4305807"   "4311361"   "4314013"   "4324456"   "4336536"   "4345249"   "4368952"   "4373282"   "4390403"   "4418346"   "4430648"   "4435047"   "4438160"   "4450440"   "4453200"   "4500880"   "4502934"   "4509828"   "4522472"   "4544834"   "4598960"   "4605284"   "4606611"   "4616903"   "4620916"   "4640583"   "4643528"   "4648956"   "4655897"   "4684219"   "4686524"   "4700183"   "4703573"   "4707080"   "4707593"   "4726662"   "4730186"   "4732456"   "4732830"   "4741601"   "4741604"   "4742345"   "4746917"   "4748366"   "4772102"   "4772820"   "4776675"   "4789858"   "4794390"   "4821291"   "4824208"   "4832458"   "4833464"   "4850919"   "4870677"   "4888140"   "4889603"   "4891245"   "4892607"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 15:57
----	-----	---	---------------------------	----	----	---------------------

"4909959"	"4919521"
"4931019"	"4937586"
"4947157").PN. OR	
("4947159"   "4947219"	
"4948232"	"4949081"
"4960351"	"4962466"
"5006212"	"5006422"
"5009490"	"5016002"
"5017225"	"5028841"
"5040960"	"5041824"
"5042917"	"5053763"
"5057363"	"5066105"
"5066946"	"5067021"
"5070326"	"5077157"
"5082351"	"5105185"
"5128785"	"5138472"
"5148002"	"5151032"
"5155607"	"5160371"
"5161007"	"5167508"
"5172314"	"5174882"
"5175047"	"5177476"
"5179065"	"5185226"
"5187609"	"5194852"
"5208686"	"5216416"
"5220316"	"5223115"
"5223823"	"5233459"
"5238861"	"5247290"
"5250932"	"5250938"
"5254981"	"5258864"
"5260002"	"5262098"
"5266934"	"5266937"
"5270843"	"5276438"
"5279511"	"5279694"
"5293528"	"5298833"
"5302235"	"5303073"
"5304439"	"5315312"
"5344594"	"5345251"
"5345322"	"5357355"
"5359346"	"5360689"
"5362671"	"5374815"
"5380362"	"5389945"
"5398131"	"5402145"
"5403518"	"5407231"
"5411398"	"5411656"
"5412398"	"5421926"
"5430462"	"5450069"
"5459776"	"5460688"
"5463492"	"5467107"
"5485176"	"5490005"
"5497171"	"5498674"
"5499038"	"5500635"
"5508068"	"5508720"
"5512162"	"5528399"
"5530567"	"5534888"
"5538430"	"5541478"
"5543219"	"5548282"
"5561443"	"5565885"
"5571741"	"5573711"
"5574291"	"5575554"
"5576867"	"5582700"
"5583675"	"5596208"
"5600172"	"5602572"

"5604027"	"5609978"
"5614427"	"5619307"
"5625460"	"5627561"
"5635317"	.PN. OR
("5638103"	"5639914"
"5641974"	"5643673"
"5648801"	"5649266"
"5650199"	"5650247"
"5650872"	"5663739"
"5672381"	"5684501"
"5686383"	"5689282"
"5694224"	"5699097"
"5699102"	"5705826"
"5707738"	"5707747"
"5708525"	"5709976"
"5714051"	"5715026"
"5715514"	"5716550"
"5717283"	"5717514"
"5717515"	"5721042"
"5722781"	"5725935"
"5731116"	"5737115"
"5738716"	"5738977"
"5739801"	"5742879"
"5744283"	"5745094"
"5750238"	"5751257"
"5751268"	"5751433"
"5751434"	"5752152"
"5754332"	"5759671"
"5760761"	"5767826"
"5767978"	"5777782"
"5783614"	"5786875"
"5801664"	"5808783"
"5815306"	"5825529"
"5828432"	"5835577"
"5843259"	"5872552"
"5874746"	"5880705"
"5892244"	"5892504"
"5894367"	"5900858"
"5914698"	"5914806"
"5917199"	"5922268"
"5930026"	"5958169"
"5961804"	"5963456"
"5972493"	"5975680"
"5978052"	"5982346"
"5986622"	"5989945"
"6014247"	"6017584"
"6025896"	"6045955"
"6051957"	"6055091"
"6064091"	"6064784"
"6067185"	"6076094"
"6097531"	"6105290"
"6107117"	"6113810"
"6117294"	"6117368"
"6118426"	"6120588"
"6120839"	"6124851"
"6130773"	"6130774"
"6137467"	"6140980"
"6144361"	"6146716"
"6153075"	"6171464"
"6172798"	"6177921"
"6184856"	"6198809"
"6215920"	"6219160"

		"6225971"   "6232950"   "6239896"   "6249271"   "6252564"   "6262706"   "6262833"   "6266113"   "6271823").PN. OR ("6274412"   "6287899"   "6300932"   "6310665"   "6312304"   "6312971"   "6323989"   "6327072"   "6340958"   "6348908"   "6353746"   "6376828"   "6377387"   "6392785"   "6413790"   "6422687"   "6438882"   "6445374"   "6459418"   "6473072"   "6480182"   "6504524"   "6506438"   "6512354"   "6515649").PN. OR ("7075502").URPN.				
S9	38	electrophoresis and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 15:57
S10	163	electrophoresis same (color or colour) same density	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:00
S11	919	345/107.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:00
S12	11	S11 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:00
S13	1	"10758464".rlan.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:11
S14	2	"6850375".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:12
S15	2	"6850357".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:14



S16	2	"20040184137"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:15
S17	375	345/107.ccls. and 359/296.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:16
S18	1058	359/296.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:16
S19	8	S10 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:17
S20	2	"20020067333"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 18:38
S21	2	"6292238".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 18:48
S22	2	"6490095".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 18:48
S23	0	("2002/0067333").URPN.	USPAT	OR	ON	2008/03/20 18:50
S24	1	"5345251".pn.	USPAT	OR	ON	2008/03/20 18:53
S25	1	"6525865".pn.	USPAT	OR	ON	2008/03/20 18:54
S26	50	("20020005832"   "20020021483"   "3668106"   "6327072"). PN. OR ("6525865").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 18:56
S27	1850	(color near layer) with electrode	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 19:00
S28	17	S27 and S18	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 19:01
S29	13	S27 and S11	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 19:05
S30	1	"6535326".pn.	USPAT	OR	ON	2008/03/20 19:11

S31	0	"20020180688"	USPAT	OR	ON	2008/03/20 19:12
S32	0	"200200180688"	USPAT	OR	ON	2008/03/20 19:12
S33	1	"20030034950"	USPAT	OR	ON	2008/03/20 19:12
S34	0	"20030035198"	USPAT	OR	ON	2008/03/20 19:13
S35	2923	electrode same color same layer same particle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 21:40
S36	1153	345/107.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 21:40
S37	280	S35 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 21:40
S38	28362428	@ad< "20040421"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 21:41
S39	155	S37 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 21:41
S40	21	(electrode same (colored near layer) same particle) and S36 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 22:50
S41	8	("20030013238"   "4779962"   "5007714"   "6400430"   "6822783"). PN. OR ("6906851").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/30 23:06
S43	13	(electrode same ("same color" with (cover or layer) with particle)) and S36 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 23:10
S44	12	("3612758"   "4203106"   "5345251"   "6072621"   "6221267"   "6639580"). PN. OR ("6822783").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/30 23:17

S45	5	(electrode same ("same color" with (cover or layer) with particle)) and 359/296.ccls and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 00:27
S46	2	"2003115959"	JPO	OR	ON	2010/03/04 15:55
S47	1	"2004121777"	JPO	OR	ON	2010/03/04 16:00
S48	1	jp2004121777	JPO	OR	ON	2010/03/04 16:00
S49	0	jp2003115959	JPO	OR	ON	2010/03/04 16:01
S50	1	11/461535	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 10:54

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	6	{electrophoresis same electrode same particle same color).clm.	USPAT; UPAD	OR	ON	2010/03/08 17:07
L4	1	{electrophoresis same electrode same particle same (color near2 layer)).clm.	USPAT; UPAD	OR	ON	2010/03/08 17:10
L5	1	{electrophoresis same electrode same charged same (color near2 layer)).clm.	USPAT; UPAD	OR	ON	2010/03/08 17:11
L6	0	{electrophoresis same electrode same particle same (color near2 insulat\$3)).clm.	USPAT; UPAD	OR	ON	2010/03/08 17:12
L7	0	{electrophoresis same electrode same particle same (color near2 coat\$3)).clm.	USPAT; UPAD	OR	ON	2010/03/08 17:12

3/ 8/ 2010 5:13:17 PM

C:\Documents and Settings\ychow\My Documents\EAST\Workspaces\10542002.wsp